



## ETG Inc.

8599 Venice BLVD, Suite K, Los Angeles CA 90034, U. S. A.  
 Phone: + 1 (310) 202-6400 Fax: + 1 (310) 202-6406  
<http://www.etgtech.com/> Email: [info@etgtech.com](mailto:info@etgtech.com)

# LDP100-360-00

# LED Driver 96W

## Features

- Plastic case for IP65
- Over voltage protection
- Over current protection
- Constant voltage
- Constant current
- Level B EMI filter
- High efficiency & High quality
- MTBF 100,000hrs min. at 25 deg. C ambient



## Electrical specifications

IP65  <sup>®</sup> 

	Parameters	Condition	Sym bol	Min	Nom	Max	Unit
<b>AC Input</b>	Input Voltage Range	Universal	Vin	90	100-240	264	Vrms
	Input Current	90VAC Full Load	Iin	-	-	1.2	A
	Line Frequency Range	90 - 264VAC Input	Freq.	47	50-60	63	Hz
	Inrush Current	230VAC, Cold Start		-	-	10	A
	Power Factor	230VAC, Full Load	PF	0.9	-	-	
	Efficiency	115/230VAC		86	-	-	%
<b>Output</b>	Output Power	Max. Output Power	Po	-	96	-	W
	DC Voltage	Constant Voltage Mode	Vo	34.2	36	37.8	V
	DC Voltage Range	Constant Current Mode	Vf	18	-	34	V
	Constant Current Range	Current Tolerance	Io	2520	2660	2710	mA
	Ripple & Noise	Constant Voltage Mode	R/N	-	-	360	mV
<b>Protection</b>	Over Current	Current Limit	OCP	95	-	105	%
	Short Circuit	Auto Recovery	SCP	-	-	-	
	Over Voltage	Over Voltage Protection	OVP	-	42	-	V
<b>Environmental</b>	Operating Temperature		Ta	-20	-	50	deg. C
	Storage Temperature		Ts	-40	-	80	deg. C
<b>International Standard</b>	Safety	UL1310 CLASS II, cUL/CAN/CSA C22.2 NO. 223-M91, EN55015, EN61547					
	EMI	EN55015, FCC PART 15					
	Water Proof	IP65					
<b>Reliability</b>	MTBF	At 25 deg. C Full Load		100K	-	-	hrs
	Burn-In	At 40 deg. C +/- 5 deg. C		4	-	-	hrs



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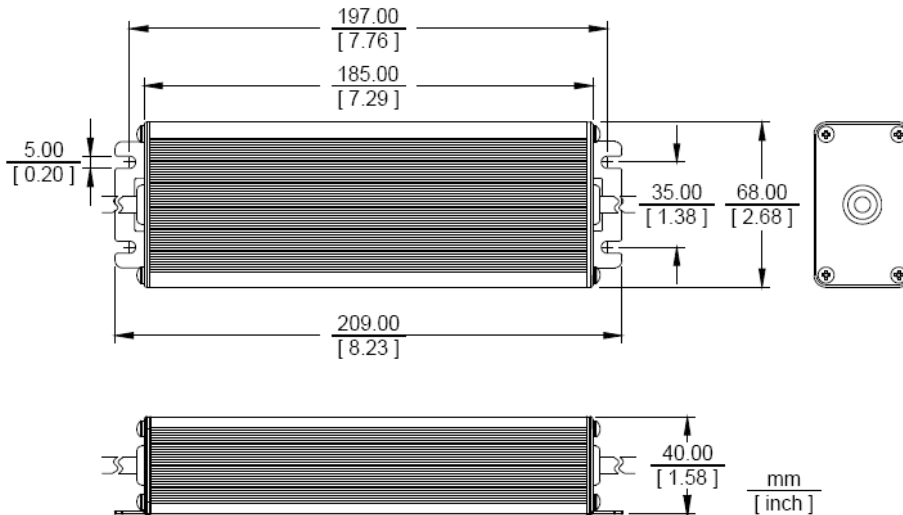
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# LDP100 Series

# LED Driver 96W

## Outline Drawing



## Temperature Derating

